

Application N .: 09/901,500

Docket No.: JCLA7208

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Application No. : 09/901,500
Filed : July 3, 2001
For : METHOD OF LAMINATING COPPER FOIL ONTO A PRINTED
CIRCUIT BOARD
Applicant : Chia-Pin Lin, et al.
Examiner : Todd J. Kilkenny
Art Unit : 1733

6/1/03
4/4/03

No fee is believed to be due. However, the Commissioner is authorized to charge any fees required in connection with the filing of this paper to account No. 50-0710 (Order No. JCLA7208).

RESPONSE TO RESTRICTION REQUIREMENT

BOX Non-Fee Amendment
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action of March 3, 2003, Applicants submit the following amendment and remarks.

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Response to 35 U.S.C. 121

The Examiner issued a restriction requirement. According to the Office Action, Species A1: the step of coating the isolating material further comprises a rolling method recited in claims 10 and 22, Species A2: the step of coating the isolating material further comprises a spraying method recited in claims 11 and 23, and Species A3: the step of coating the isolating material further comprises a screen printing method recited in claims 12 and 24. According to the Office Action, the three species of inventions are distinct and a restriction to one of three inventions is required under 35 U.S.C. 121.

Applicants elect claims 1-8, 10, 13-22 (Species A1) with traverse according to the following remarks. Applicants also reserve the right to pursue the subject matter of the non-elected claims in a divisional application if Applicants so choose.

Species are not claims, but are different disclosed embodiments of an invention. M.P.E.P. § 806.04(e). Thus where only a single embodiment is disclosed, there is no basis for the application to be required to elect among claims. M.P.E.P. § 806.03. Likewise, where plural species are disclosed but only generic claims are presented, restriction is usually not proper. M.P.E.P. § 809.02(d).

In this invention, the method of laminating copper foil onto a substrate of a PCB comprises coating an isolating material onto the upper surface and the lower surface of a substrate, wherein the thickness of the isolating layer can be controlled in this coating step. Coating the isolating material can utilize a rolling method (claim 10 and 22), a spraying method (claim 11 and 23) or a screen printing method (claim 12 and 24). The thickness of the isolating material can be controlled by the equipment parameters such as the rolling equipment, the

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spraying equipment or the screen printing equipment. Each coating method can control the thickness of the isolating material. All claims are generic and the restriction is not proper. Applicants respectfully request the restriction requirement of claims 11-12, 23-24 be withdrawn.

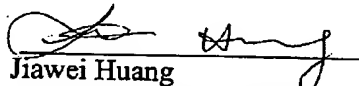
CONCLUSION

In view of the foregoing, Applicants respectfully request reconsideration and the restriction requirement of claims 11-12, 23-24 be traversed. In the event a telephone conversation would expedite the prosecution of this application, the Examiner is encouraged to contact the undersigned to discuss the application.

Date: 4/2/2003

4 Venture, Suite 250
Irvine, CA 92618
Tel.: (949) 660-0761
Fax: (949)-660-0809

Respectfully submitted,
J.C. PATENTS


Jiawei Huang
Registration No. 43,330

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